(19) World Intellectual Property Organization International Bureau

TAIPO OMPI



(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

(10) International Publication Number WO 2005/005418 A1

- (51) International Patent Classification⁷: C07D 407/14, A61K 31/506, A61P 31/04
- (21) International Application Number:

PCT/EP2004/007482

- (22) International Filing Date: 8 July 2004 (08.07.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/EP03/07537

11 July 2003 (11.07.2003) EP

- (71) Applicant (for all designated States except US): ARPIDA AG [CH/CH]; Dammstrasse 36, CH-4142 Münchenstein (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only):
 GREIVELDINGER-POENARU, Sorana [FR/CH];
 Thermenstrasse 19, CH-4310 Rheinfelden (CH). ISLAM,
 Khalid [GB/CH]; Binningerstrasse 82, CH-4153 Reinach
 (CH). GILLESSEN, Dieter [CH/CH]; Oberfeldstrasse
 12, CH-4133 Pratteln (CH). BURRI, Kaspar [CH/CH];
 Höhenweg 47, CH-4102 Binningen (CH).
- (74) Agent: HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BENZOFURAN DERIVATIVES AND THEIR USE IN THE TREATMENT OF MICROBIAL INFECTIONS

(I)

$$R^6$$
 R^7 (a)

(57) Abstract: The invention relates to new benzofuran derivatives of the general formula I and their use as active ingredients in the preparation of pharmaceutical compositions. The invention also concerns related aspects including processes for the preparation of the compounds, pharmaceutical compositions containing one or more of those compounds and especially their use as anti-infectives.